



# Innovation and business growth in a clean energy economy

Solar Power International (SPI) and Energy Storage International (ESI) are back in action as part of RE+ 2022: Renewing What's Possible. From 19 to 22 September, the largest clean energy event in North America is heading to Anaheim, California, USA for a reunion three years in the making. We take a look at what's in store for show visitors.



RE+ is more than a premier event; it's a catalyst for industry innovation, designed to supercharge business growth in the clean energy economy. The exhibition is dedicated to bringing the best minds and technologies together to transform the nation's biggest energy, environmental, and economic challenges into opportunities that will ensure a prosperous, clean, and productive future.

**On the show floor**

**Exhibition**

The exhibit hall at RE+ is back and better than ever, featuring more than 700 exhibitors showcasing their expertise and innovative solutions. The sold-out show floor will feature international representatives from over 110 countries ready to make connections.

While stalwarts like LONGI Solar, CED Greentech, Shoals Technology Group, Fortress Power, SolarEdge, Eaton Corporation, and EDF Renewables make their return, plenty of companies are making their first appearance. These include Carhartt,

Mechatron Solar, Wallbox, Energizer Solar, and FlexGen.

In addition, RE+ is hosting its Start-up Program, a commitment to supporting emerging technology and new entrants in the solar, energy storage, smart energy and distributed energy resources, energy storage, and hydrogen, fuel cells, wind, and electric vehicle industries.

**Show floor education**

This year's show floor education comprises five major theaters: Industry Trends, Storage Central, Grid Edge, Electric Drive: Fuel Cell and Battery, and Installer. Attendees with Expo Hall passes will have access to over 100 presentations in the exhibit hall. Plus, 150 technical posters will also be available for attendees to view and discuss with their authors.

**PowerUp media zone**

RE+ and SunCast Media are teaming up to host a premier experience on the expo floor. The PowerUp Media Zone is an on-stage, live news hub, featuring interviews with clean energy experts and conversations with podcasters from around the industry. Attendees can top-up on all thing's energy; from new product announcements to Q&A with speakers. The PowerUp Media Zone is accessible to all registrants.

**Walking tours**

Attendees of RE+ can sign up for an exclusive exhibitor Walking Tour on the show floor. Hosted and guided by pv magazine, this series of tours will take you through key companies that are helping shape the clean energy industry in solar, solar & storage, and microgrids & smart energy. The Walking Tours are sponsored by QuickBolt.

**Networking at RE+ 2022**

Festival vibes can be found at the annual Block Party, which will take place this year at Angel Stadium. Ticket holders will experience a night of music, dancing, and locally sourced food, beer, wine, and whiskey under the stars.

Looking to get some extra time outdoors? The golf tournament returns to Anaheim for some friendly competition at the Tustin Ranch Golf Club, and runners can take part in the Run with the Sun 5k.

The Women in Renewable Energy Reception, sponsored by Arevon, connects attendees with energy professionals from across the globe in an interactive experience during this speed mentoring roundtable.

New in 2022 is the RE+ Tech Funders Breakfast. This roundtable-style networking breakfast brings together public and private clean energy-focused funders, accelerators, and investors to discuss commercialization and financial resources.

The Welcome Reception, Poster Reception, ZEB CON Happy (Bus) Hour, and Exhibit Hall

Happy Hour round out additional networking opportunities on-site.

**Conference education**

The 2022 full conference education schedule dives deep into major renewable energy sectors, including solar, energy storage, hydrogen, the integration of new electric vehicles into the grid, and microgrid use cases. Highlights include:

**Pathway to 1 million workers: tools for scaling workforce growth**

The clean energy industry faces an incredible opportunity to change its approach to attracting and recruiting talent. Discuss the workforce development ecosystem, including organized labor, the value of apprenticeships and pre-apprenticeships, the role of community partners, and recruitment, placement and long-term mentorship from a diversity, equity, inclusion and justice-centered perspective.

**The Long Duration Elite 8: September storage madness**

Recent developments in US policies and utility targets for energy storage are creating the market conditions for innovative long-duration storage applications to support a more resilient and cleaner energy system. Examine applications of different long duration storage technologies.

**Ripped from the headlines: finance + development trends illuminated by sunion**

Everyone's favorite enigmatic and incredibly niche satirical news site can always be relied upon for a laugh. But what can it teach us about the current market dynamics and financing trends of the clean energy industry? Asset owners and investors will engage in a lively and revealing conversation on capital markets, including tax equity and debt financing, development challenges and project risk management, and the latest US legislative updates.

**The business case for hydrogen**

Hydrogen will play a critical role in the energy system of the future, particularly by enabling higher penetration rates of renewables. Analyze current policy and market factors that are driving, or will drive, opportunities in hydrogen as well as insights on current and future projects for green hydrogen production.

**Reduce, reuse, recycle: best practices for sustainable renewable energy development**

With more Fortune 500 companies and utilities creating Environmental, Social and Governance (ESG) plans, the solar and storage industries will be expected to build projects that minimize waste and track the carbon footprint of their suppliers. Review best practices businesses can implement to reduce their carbon footprint and the growing demand for recycling and reuse of



PV equipment. Discuss challenges impeding the widespread adoption of second life batteries in stationary energy storage.

#### RE+ Tech

Formerly called The Technical Symposium, RE+ Tech is the event for the technical and scientific communities to present and share innovative research in the solar, storage, and smart energy industries at North America's largest clean energy event. This curated pathway showcases scientific content from industry leaders and provides a hub for science and tech trailblazers to come together, share research, and innovate tomorrow's clean energy solutions.

#### Workshops at RE+

RE+ 22 offers two days of additional education in the form of workshops that dive deeper into the most pressing issues at the forefront of today's clean energy industry. Topics include hydrogen, microgrids and grid integration, and a variety of PV and operations topics hosted by SEIA and SEPA. Workshops are offered on 19 September and 22 September.

#### Partner-led events

Partners of RE+ help provide additional opportunities for participants to expand their experience in Anaheim.

#### Microgrid demonstrations

RE+ and EMerge Alliance are conducting a live demonstration of microgrids on the show floor. This year's demonstration will feature a

fully operating 'hybrid' bi-directional residential microgrid, complete with appliances, HVAC, lighting, EV charging and various plug load distributions including line AC and DC, USB-C, PoE and FMP. It will also provide the excess power it generates to the adjacent Grid Edge Theater and other exhibitor loads on the convention center floor.

#### ZEB Con: Zero Emission Bus Conference

RE+ 22 is co-locating with the Center for Transportation and the Environment (CTE) for this year's International Zero Emission Bus Conference (ZEB Con), taking place from 19 to 21 September. ZEB Con is the primary event for professionals who are leading the charge to electrification, equipping school, transit, and shuttle bus managers with the necessary tools to electrify their fleets.

#### 2022 Center for Hydrogen Safety Americas Conference

RE+ 22 is also co-locating with the 2022 Center for Hydrogen Safety Americas Conference brought to you by The Council for Hydrogen Safety, 20-22 September. This conference will bring together representatives from industry, government, and academia to highlight the safe use of hydrogen in commercial and industrial applications. This year's conference is being held in partnership with WHA International.

#### Clean energy job fair

GRID Alternatives, an American solar nonprofit, and Women of Renewable Industries and Sustainable Energy (WRISE) are teaming up with RE+ to provide a

dedicated space for job seekers and clean energy companies to connect. Registration is open to any employers looking to hire in the United States, but will have a strong emphasis on the Southern California solar job market.

#### Global buyers program

RE+ 2022 is partnering with the U.S. Department of Commerce's (USDOC) International Trade Administration (ITA) to offer the Global Partnership Program. The program recruits overseas buyers to attend RE+ and connect with U.S. companies. These global buyers can meet with U.S. equipment and service exporters before, during, and after the show. The Global Buyers Program offers business-to-business (B2B) matchmaking.

#### Solar training

Solar Energy International (SEI) will be on site for RE+ delivering both paid and free industry-leading solar training to attendees, as well as a booth party. Paid training on September 19th includes PV System Operations and Maintenance (O&M), Megawatt-Scale PV: Design Considerations and Case Studies.

RE+ 2022 is powered by the Solar Energy Industries Association (SEIA) and the Smart Electric Power Alliance (SEPA). RE+ reflects an ongoing entrepreneurial approach to renewing best practices across the clean energy landscape as the marketplace evolves.

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